WEEE declaration

Your product is designed and manufactured with materials and components of high quality, which are recyclable and can be reused. The symbol means that your product should be disposed of separately from household waste when it reaches its end of life. Please dispose of this equipment at your local collection point or recycling center. Please help to protect the environment in which we all live.

All specifications and appearances are subject to change without notice. All information was correct at time of printing. Musikhaus Kirstein GmbH does not guarantee for the accuracy or completeness of any description, photograph or statement contained in this manual. Printed colors and specifications may vary slightly from product. Products from Musikhaus Kirstein GmbH are only sold through authorized dealer. Distributors and dealers are not agents of Musikhaus Kirstein GmbH and have no authority to bind Musikhaus Kirstein GmbH legally in any way. This manual is protected by copyright. Any copying or reprint, even in excerpts, is only allowed with written consent of Musikhaus Kirstein GmbH. The same applies to reproduction or copying of images, even in altered form.

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Funkey 61 Edition / Edition Pro

User manual

00038124/00038126/00038127/00038128
Version 11/2014

Caution

The following requirements shall be observed to avoid hurting yourself Or anybody else as well as damaging of peripheral devices. The intensions will include(but not limited to) the followings:

⚠ Cautions

AC/DC adapter:

- Please use specified AC/DC Adapter, otherwise fault adapter may cause damage of your electronic organ.
- Do not place AC adapter or power cord near heating source such as central heating or heat radiator.
- Do not overbend wire and place heavy matters on wire or wind wire with other matters to avoid damaging wire.
- Regularly check power plug and clean surface dirt. Do not pull out power plug with wet hand.

Do not open the casing of electronic organ:

- Do not open the casing of electronic organ and try to disassemble any part of it, nor make any change to it. Should any abnormal function occur in use, please stop operating it immediately and send it for repair by qualified servicemen.

Location of placing electronic organ:

- Do not place the electronic organ in an environment of dusty, vibrating, low or high temperature (such as exposed to direct sunshine, near central heat or in the car exposed under sunshine) to avoid damaging appearance or internal part.
- Do not put the electronic organ in an unstable place to avoid falling. Do not put any vessel holding liquid on the electronic organ to avoid liquid flowing in it and impairing internal part.

Maintenance:

- To clean the body of the electronic organ, wipe it with dry soft cloth. Do not use paint, dope, organic solvent or chemically impregnated cloth.

Connection of peripheral device:

- In order to prevent speaker from damaging, please adjust the volume of peripheral device to the lowest and after music is gradually played, adjust to appropriate volume.

Caution in operation:

- Do not perform the organ with the loudest or uncomfortable volume to avoid decline in hearing.
- Do not place heavy matters on the electronic organ, nor press keyboard, switch and socket With heavy force.
- The package shall be opened by adult to avoid the danger of suffocating infant or children. Please properly store or dispose the plastic package after unpacking.The matters contained are not suitable for using by the children under 3 years old.

⚠ Notice

- Specifications are subject to change without notice.
- Should any description of product function be not specified in detail or some typing error occur, Please forgive us.
- This company retains the right which needs to revise because of the duty and finally interpretation.

Appendix V.Technical specifications

■Carried Standard
- GB8898-2011 GB17625. 1-2012
- GB13837-2012

■Display
- LED display/LCD display

■Tone
- 128 kinds of tones

■Rhythm
- 128 kinds of world well-chosen auto accompaniment

■Demo
- 10 demo songs

■Effect control
- Sustain、vibrato、 double voice、keyboard split、transpose、beat、Intro/ending、drum

■Record and program
- Record、play、program

■Other function
- Panel percussion/MP3 function

■Accompaniment control
- Start/stop、sync、fill in、tempo

■Chord control
- Single chord、finger chord、chord clear、chord volume

■Intelligent teaching
- Teaching function

■Other control
- Power switch、master volume control、rhythm volume control

■External jack
- DC12V power input、headphone output、MIDI output、microphone input、MP3 jack

■Diapason
- C2～C7

■Intonation
- ≤3 cents

■Format
- 948x315x105(mm)

■Net weight
- 5. 0Kg

■Power adapter
- AC220V, DC12V 500mA

■DC input
- DC12V

■Output power
- 6W×2

■Quiescent current
- 150mA

■Random accessories
- Adapter、song sheet holder、manual

Appendix III.Dome songs

Number	The name of song	Number	The name of song
00	Turkish march	05	Dream wedding
01	Red river	06	Ballade Four Adeline
02	American patrol	07	Smile polka
03	Oh , susana	08	Jingle bels
04	Mozart piano sonatas	09	Radetzky march

Appendix IV.Faults and exclusion

Faults	Possible causes/resolution
When you turn on the keyboard, it will be some noise.	Do not worry,it's the normal phenomenon.
When turn on the power swith, play with the keyboard,it's no voice at all.	Check the main volume button if it is in the proper position and headphone jack was connected with other equipments,so that the built-in speaker system cut off.
Distortion sound or interruption,or evencan not work at all.	Use unqualified power adapter or the electric power of the battery is not enough,pls use the power adapter that equipped with this keyboard or replace the batteries.
The note and the timbre of the note has the slight difference in a tone.	This is normal phenomenon caused by different tone sample diapason.
When use the function of sustain, some tone has long sustain but some has short sustain.	This is normal phenomenon because the best length of the sustain of the different tone has been set.
The main voluem and the accompaniment volume is abnormal.	Check the main volume and the accompaniment volume are set at the proper position.
In sync function,but the auto accompaniment does not work.	Check whether single chord or finger chord were set.At this satuation,play 19keys in the left of the keyboard.
When use the external adapter, put on the power switch,no sound, LCD or LED no display.	Check whether power socket has the electricity, and the power adapter was well insertted,the power jack has the poor contact or the voltage is not enough.
When use the batteries,the keyboad is no sound when put on LED/LCD has no display.	Check whether batteries polarity was correct and the batteries has run out.
The pitch of nore is not correct.	Check whether the parameter of transposes is ″00″.
When use the mobilphone, the	Mobilphone can disturb the keyboard,to avoid the noise,pls turn off the mobil or use it in far place.

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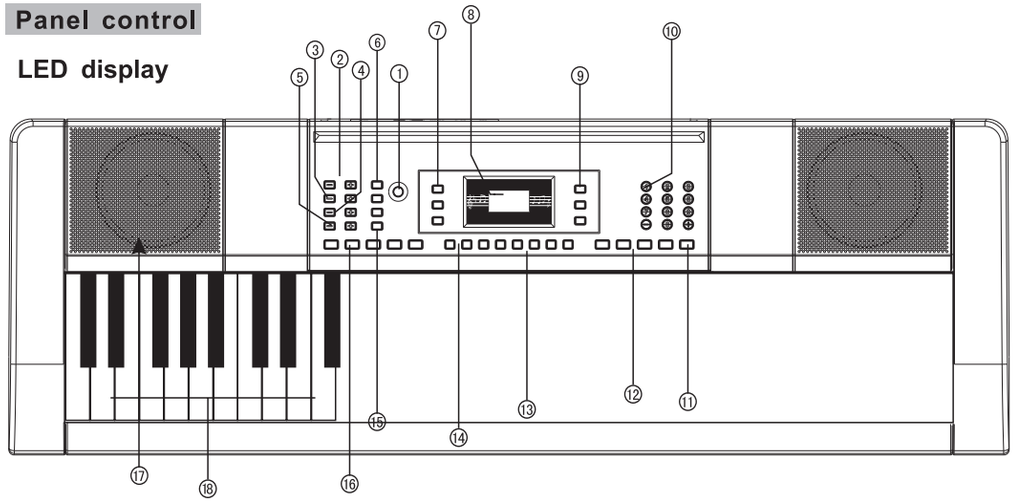
I.Panel control and external jack

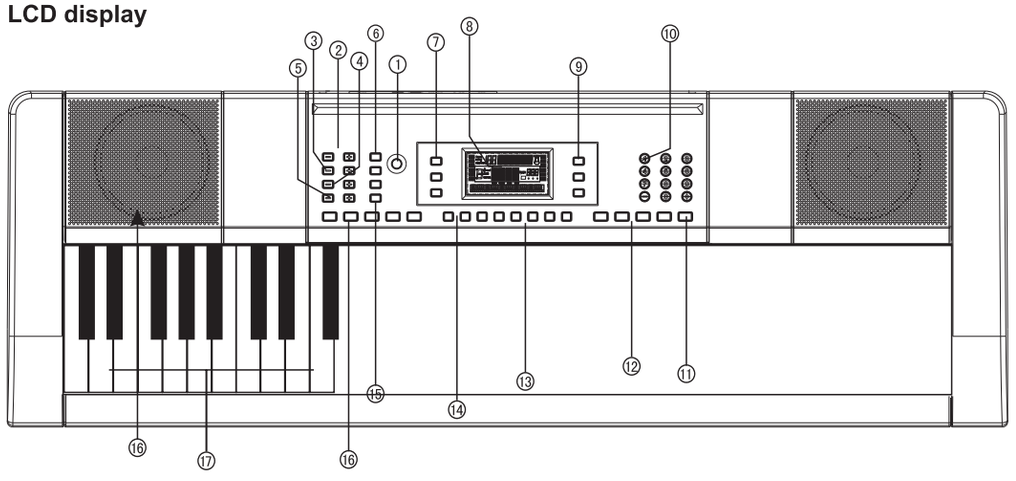
Panel control

LED display



1.Power switch
2.Master volume+, -
3.Rhythm volume +, -
4.Chord volume+, -
5.Tempo+, -
6.Play/record/program
7.Single chord/finger chord /chord clear
8.LED display
9.Demo/rhythm/tone
10. Number0-9/+, -
11. Drum
12. Sustain/vibrato/double voice /keyboard split
13.Panel percussion/MP3 function
14.Transpose+, -
15.beat
16.Sync/start/stop/fill in/ intro/ending/teaching
17.Speaker
18.chord region

LCD display



1.Power switch
2.Master volume+, -
3.Rhythm volume +, -
4.Chord volume+, -
5.Tempo+, -
6.Play/record/program
7.Single chord/finger chord /chord clear
8.LCD display
9.Demo/rhythm/tone
10. Number0-9/+, -
11. Drum
12. Sustain/vibrato/double voice /keyboard split
13.Panel percussion/MP3 function
14.Transpose+, -
15.beat
16.Sync/start/stop/fill in/ intro/ending/teaching
17.Speaker
18.chord region

Appendix II.Rhythm list

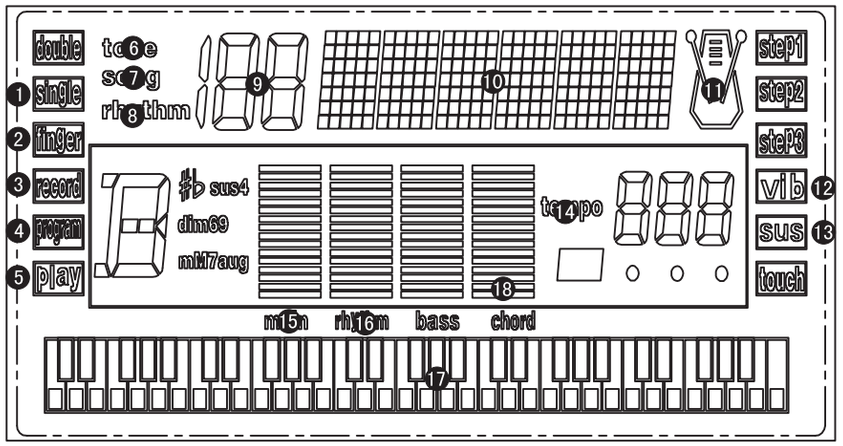
NO.	Name of rhythm	NO.	Name of rhythm	NO.	Name of rhythm	NO.	Name of rhythm
000	Soul 1	033	Shuffle 1	066	Bossanova 2	099	Pop Samba 3
001	Soul 2	034	Shuffle 2	067	Bossanova 3	100	Jazz Samba
002	Soul 3	035	8 Shuffle	068	Bossanova 4	101	March 1
003	Soul 4	036	Hard Rock	069	Bossanova 5	102	March 2
004	Soul 5	037	Slow Rock 1	070	Calypso	103	March 3
005	Soul 6	038	Slow Rock 2	071	Habanera	104	March 4
006	Soul 7	039	Pop Classic	072	Reggae 1	105	Polkal 1
007	Soul 8	040	Blues	073	Reggae 2	106	Polkal 2
008	Slow Soul 1	041	Twist	074	Jorpo	107	Polkal 3
009	Slow Soul 2	042	Hard 3 Beat	075	Tango 1	108	C&W 1
010	Slow Soul 3	043	Love Ballad 1	076	Tango 2	109	C&W 2
011	Slow Soul 4	044	Love Ballad 2	077	Tango 3	110	Bluegrass
012	Slow Soul 5	045	Love Ballad 3	078	Manbo 1	111	Country 1
013	Funkey soul 1	046	Love Ballad 4	079	Manbo 2	112	Country 2
014	Funkey soul 2	047	Euro Beat	080	Rhumba 1	113	Country 3
015	Funkey soul 3	048	House 1	081	Rhumba 2	114	Middle East
016	Funkey soul 4	049	House 2	082	Rhumba 3	115	China 1
017	Funkey soul 5	050	Swing Beat	083	Rhumba 4	116	China 2
018	Funkey soul 6	051	8 Ballad	084	Rhumba 5	117	China 3
019	Funkey soul 7	052	Step	085	Bequine	118	Thailand
020	Funkey soul 8	053	Big Band 1	086	Salsa	119	Waltz 1
021	West Coast	054	Big Band 2	087	Merengue 1	120	Waltz 2
022	Euro Soul	055	Conbmo 1	088	Merengue 2	121	Waltz 3
023	16 AOR 1	056	Conbmo 2	089	Vallentao	122	Waltz 4
024	16 AOR 2	057	Swing 1	090	Plena	123	Jazz Waltz 1
025	16 Beat 1	058	Swing 2	091	Lambada	124	Jazz Waltz 2
026	16 Beat 2	059	Swing 3	092	Bachata 1	125	Jazz Waltz 3
027	16 Beat 3	060	Swing 4	093	Bachata 2	126	Country Waltz 1
028	16 Ballad 1	061	Swing 5	094	Bachata 3	127	Country Waltz 2
029	16 Ballad 2	062	Swing 6	095	Samba 1		
030	Pop Dance 1	063	Baiao	096	Samba 2		
031	Pop Dance 2	064	Bolero	097	Pop Samba 1		
032	Pop Dance 3	065	Bossanova 1	098	Pop Samba 2		

Appendix I.Tone list

No.	Name of Tone	No.	Name of Tone	No.	Name of Tone
	Piano	43	Contrabass	87	Lead 8 (bass+lead)
0	Acoustic Grand Piano	44	Tremolo Strings		**Synth Pad**
1	Bright Acoustic Piano	45	Pizzicato Strings	88	Pad 1 (new age)
2	Electric Grand Piano	46	Orchestral Harp	89	Pad 2 (warm)
3	Honky-tonk Piano	47	Timpani	90	Pad 3 (polysynth)
4	Rhodes Piano		**Ensemble**	91	Pad 4 (choir)
5	Chorused Piano	48	String Ensemble 1	92	Pad 5 (bowed)
6	Harpsichord	49	String Ensemble 2	93	Pad 6 (metallic)
7	Clavichord	50	Synth Strings 1	94	Pad 7 (halo)
	Chromatic Percussion	51	Synth Strings 2	95	Pad 8 (sweep)
8	8 Celesta	52	Choir Aahs		**Synth effects**
9	9 Glockenspiel	53	Voice Oohs	96	FX 1 (rain)
10	10 Music box	54	Synth Voice	97	FX 2 (soundtrack)
11	11 Vibraphone	55	Orchestra Hit	98	FX 3 (crystal)
12	12 Marimba		**Brass**	99	FX 4 (atmosphere)
13	13 Xylophone	56	Trumpet	100	FX 5 (brightness)
14	14 Tubular Bells	57	Trombone	101	FX 6 (goblins)
15	15 Dulcimer	58	Tuba	102	FX 7 (echoes)
	Organ	59	Muted Trumpet	103	FX 8 (sci-fi)
16	Hammond Organ	60	French Horn		**Ethnic**
17	Percussive Organ	61	Brass Section	104	Sitar
18	Rock Organ	62	Synth Brass 1	105	Banjo
19	Church Organ	63	Synth Brass 2	106	Shamisen
20	Reed Organ		**Reed**	107	Koto
21	Accordian	64	Soprano Sax	108	Kalimba
22	Harmonica	65	Alto Sax	109	Bagpipe
23	Tango Accordian	66	Tenor Sax	110	Fiddle
	Guitar	67	Baritone Sax	111	Shanai
24	Acoustic Guitar (nylon)	68	Oboe		**Percussive**
25	Acoustic Guitar (steel)	69	English Horn	112	Tinkle Bell
26	Electric Guitar (jazz)	70	Bassoon	113	Agogo
27	Electric Guitar (clean)	71	Clarinet	114	Steel Drums
28	Electric Guitar (muted)		**Pipe**	115	Woodblock
29	Overdriven Guitar	72	Piccolo	116	Taiko Drum
30	Distortion Guitar	73	Flute	117	Melodic Tom
31	Guitar Harmonics	74	Recorder	118	Synth Drum
	Bass	75	Pan Flute	119	Reverse Cymbal
32	Acoustic Bass	76	Bottle Blow		**Sound Effects**
33	Electric Bass(finger)	77	Shakuhachi	120	Guitar Fret Noise
34	Electric Bass (pick)	78	Whistle	121	Breath Noise
35	Fretless Bass	79	Ocarina	122	Seashore
36	Slap Bass 1		**Synthlead**	123	Bird Tweet
37	Slap Bass 2	80	Lead 1 (square)	124	Telephone Ring
38	Synth Bass 1	81	Lead 2 (sawtooth)	125	Helicopter
39	Synth Bass 2	82	Lead 3 (caliope lead)	126	Applause
	Solo Strings	83	Lead 4 (chiff lead)	127	Gunshot
40	Violin	84	Lead 5 (charang)		
41	Viola	85	Lead 6 (voice)		
42	Cello	86	Lead 7 (fifths)		

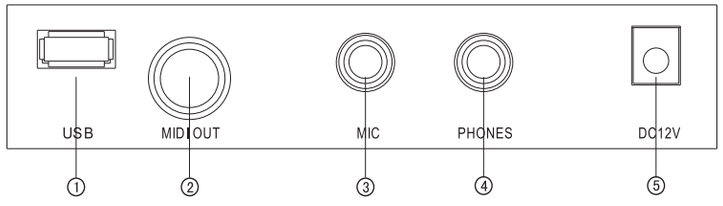
II.Preparation before performance

LCD graphic display



1.Single chord
2.Finger chord
3.Record
4.Program
5.Play
6.Tone
7.Demo
8.Rhythm
9.LCD display
10.Character display area
11.Beat
12.Vibrato
13.Sustain
14.Tempo
15.Master volume
16.Rhythm volume
17.B/W key display
18.Chord volume

External jack



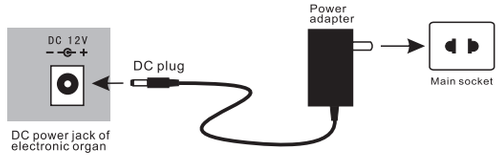
1. USB jack
2. MIDIoutput
3. Microphone jack
4. Earphone jack
5. DC 12V power input

II.Preparation before performance

Power requirement

1.Using AC/DC power adaptor

Please use the special power adaptor was equipped with this electronic keyboard or the power adaptor with DC12V out voltage . 500mA out current and cental anode plug. Insert the DC plug of power adaptor into the DC12V power jack in the rear panel of electronic keyboard, then, insert the other end into Mains socket. (Notice: The input voltage of power adaptor must conform to the voltage of Mains) ,finally turn on power switch and start performance.

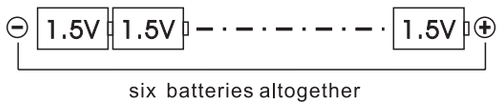


II.Preparation before performance

Caution:When you don' t use this electronic keyboard, you should unplug the plug of power adaptor from power socket safely to avoid the parts trouble or other accident for long-term charging

2.Using batteries

Open the battery lid at the bottom of electronic keyboard and load 6pcs I.5V size D batteries , ensure the polarity of the batteries should conform to the anode and cathode direction of batteries marked on battery lid. Cover the battery lid after the installation.

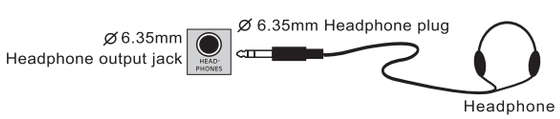


Caution : Don' t use different kinds of batteries at the same time and mix new and old batteries for use.The volume will go down and the timbre will be bad if the electrical quantity of batteries isn't enough,you have to replace the new batteries now.Please take out the batteries as to avoid possible damage caused by the batteries leakage if you don' t use the electronic keyboard for long time.

Accessories ports

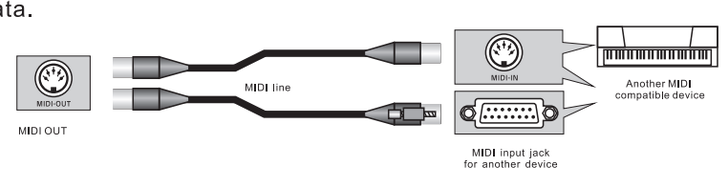
1.Headphone use

Insert headphone plug into [HEADPHONES] port in back of electronic keyboard, Now, the internal speaker system of electronic keyboard cuts off automatically,Using headphone doesn' t intefere with others during performance,it is special for personal monitor and exercising at night.



2.MIDI output

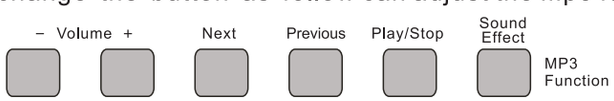
By linking MIDI line,you can connect MIDI OUT jack to another MIDI compatible device to transfer MIDI data to the electronic keyboard.When play a note,the corresponding MIDI data will be transferred.You may also control other MIDI devices by transferring program changing data.



Notice: the additional device in above, you need to purchase by yourself ,not include by the keyboard,pls understand.

3.MP3 function

Mp3 jack: the keyboard support USB play.you may use the usb jack to play Mp3 songs. to change the button as follow can adjust the Mp3 function.



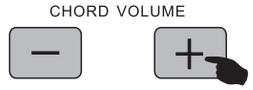
4.Use of microphone

Insert the microphone can playing accompaniment.

III.Basic operation method

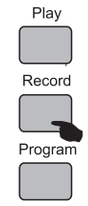
4.chord volume

The default value of the chord volume is “07”,and you can adjust 9 levels(0-9) of the chord volume by press the CHORD VOLUME “+/–”button .By the way,the LED or LCD display has the corresponding displaying when you adjust. The system will return to the default chord volume if you press CHORD VOLUME “+/–” at the same time .



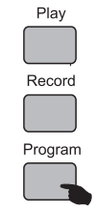
Record function

1.Press the “record” button to start the recording,at this time press any key can record in the keyboard.The max not can be record is 110 for this keyboard.When the recording is full ,the display will show you "full" that you can not record any more.At the recording status,press any key can clear the music for last time to start a new one.



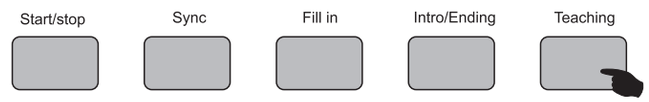
2.Press “play” button,can play the recording music.

3.Press “program” button to start programming.to press 8 kinds of panel percussion or keyboad to program a rhythm.This edited rhythm can record 32 pcs of percussion sound at the most.Press the “play” button to play the rhythm to become a new rhythm . And to press “+/–″to get the perfect effects. Press this button will be clear last memory to start a new programing.



Teach function

Press “teach” button to start teahing function. You must press the key ,the teaching music can play,else,the music will stop.after press this song,you can be repeat it .To press “song” button to choose the song for learning.And press the same button “teach”to withdraw the teaching function .



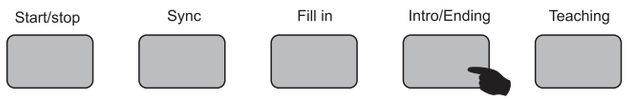
Dormancy function

When you do not press the key more than 5 mins,the keyboard will come to dormancy and to press any key can wake up the keyboard.

III.Basic operation method

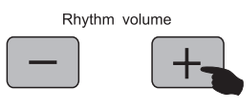
5.Intro/ending

Press “Intro/ending” button to start play the prelude, then turn to regular rhythm to continu.During the play of the rhythm, press the “Intro/ending” button,tto start playing a code for ending.



6. Rhythm volume

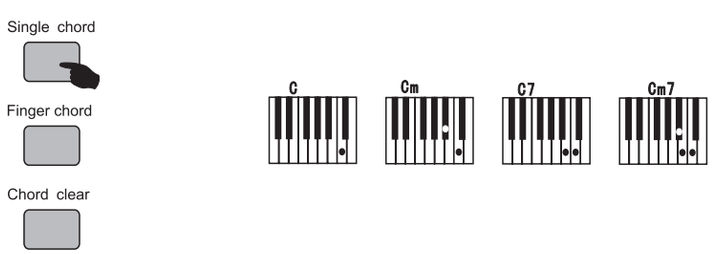
There are 9 levels for rhythm volume,the default rhythm is 07.to press the “+/-” button to adjust the rhythm volume and the LED or LCD will be show it . Repress the “+/-” button the keyboard will return back to the default volume for the rhythm.



Auto bass chord

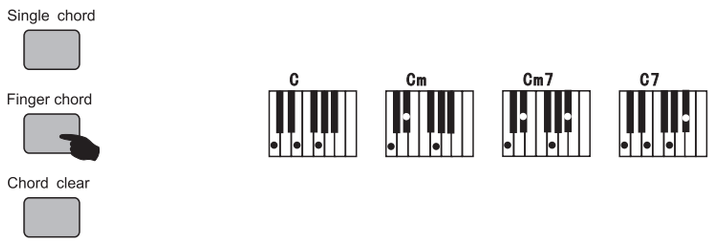
Single chord

when the rhythm is start, to press the “single chord” to enter the single chord function. At this time ,in the chord area (1-19key),press any key, can heared different chord rhythm press the “start/stop” to withdraw this function.



Finger chord

when the rhythm is start, to press the “finger chord” to enter the finger chord function. At this time ,in the chord area (1-19key) ,press any key, can heared different chord rhythm press the “start/stop” to withdraw this function.



Chord clear

After the chord is start,press the “chord clear” button,the chord rhythm is stop. But the other rhythm is still play.

III.Basic operation method

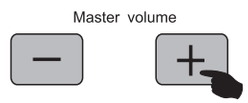
Basic operation

1.Turn on power

After power adapter was connected or batteries were installed correctly,press “on/off” to start the playing and press “on/off” to close the power of keyboard.

2.Master volume control

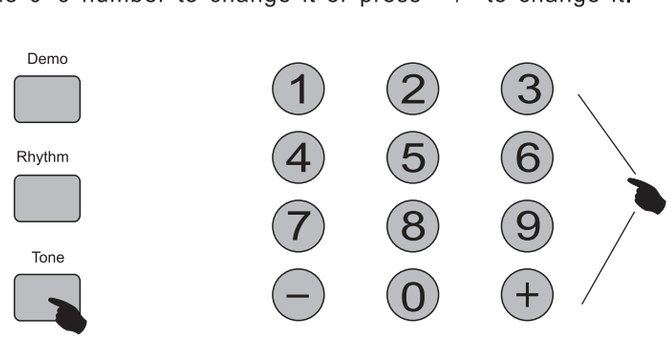
This keyboad has 9 levels volume from00-08.the default value of the main volume is 07, press the “+” and “−”, the main volume will increase or decrease correspondly.And press “+”together with “−” the main volume will recover the default value automationcally .



Tone

1.Tone selection

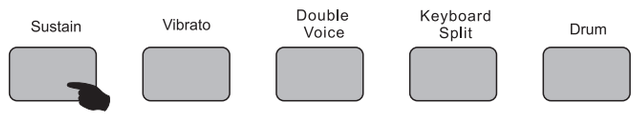
The keyboard has 128 tones,to press “tone” button to start to chooseing another tones,you can press the 0~9 number to change it or press “+/-” to change it.



Effects and control

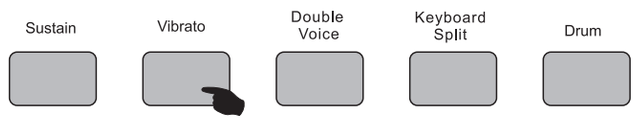
1.Sustain function

Press “sustain” to start sustain function. The prolonged effect note will occur when play with white and black keyboard ,And press “sustain” again to withdraw this function.



2.Vibrato function

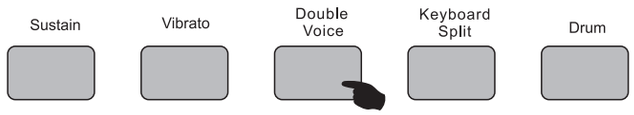
Press “vibrato” to start vibrato function. The trembling effect note will occur when play with white and black keyboard ,And press “vibrato” again to withdraw this function.



III.Basic operation method

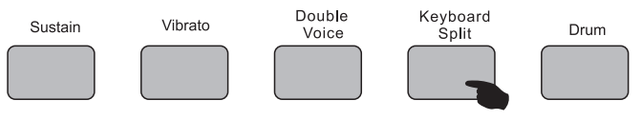
Double voice

Press “dual voice” button to start dual voice function,the performed tone is the tone that composed of two kinds of tone. Now the displaying tone name is the latter tone. The previous tone is the tone before you press this button,press this button again to exist the dual voice function



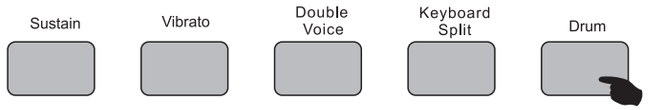
Keyboard split

Press “dual keyboard” to start the dual keyboard function.The keyboard was separate two keyboards from the 24th keys in left. Press the number button can adjust the right key. Repress the “dual keyboard”will withdraw this function.



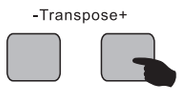
Drum

Press “drum” button,at this time the keyboard turn to the percussion keyboard every key instead of one kind of percussion,repress the “drum” button again, the keyboard turn to regular.



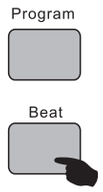
Transpose

Press transpose “+/-” button,the corresponding musical scale can goes up or goes down for one note when you play with the black and white keys.you can adjust the musical scale for 6 levels upwards and downwards.Press “+” and “-” together,the system will recover the default keyboard tone automatically.



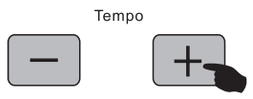
Beat

Press “beat” button to start metronome,the tick-tock beat sound will be occur.There is 4 kinds of metronome to choose ,the beat effect will be added when you perform.



Tempo

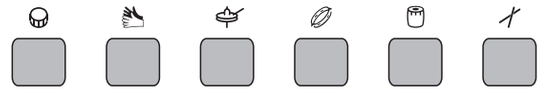
Press″+/−″ can adjust the tempo of rhythm,beat,demo,the default value of the beat tempo is 120. And the adjustment area is 30-240.



III.Basic operation method

Panel percussion

Press the panel percussion,the total is 6 kinds of percussion.You can insert the percussion if you need.



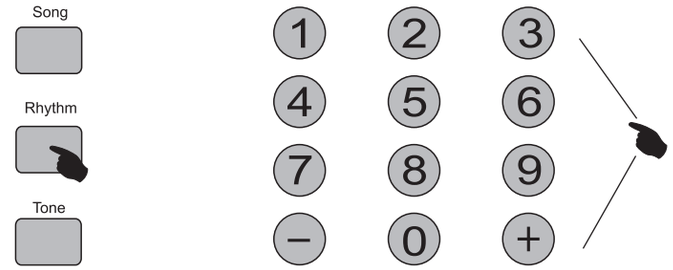
Panel percussion list

Snare drum	Clap	Cymbal	Tambourine	Timpani	Claves

Rhythm and rhythm related function

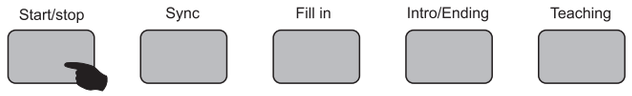
Rhythm selection

The keyboard has 128 rhythm,and the rhythm list pls following as the appendix of rhythm list.to press “rhythm” button to start to chooseing another rhythm,you can press the 0~9 number to change it or press “+/-” to change it.All the LED/LCD will display it.



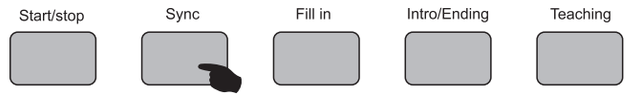
Start/stop function

Press “start/stop” button to play the rhythm, and repress this button to withdraw this function.



Sync function

Press “sync” button to enter the sync function before the rhythm was played.Now press any key of 19 keys in left hand to start rhythm playback.The beat point shines on the LCD the characters displaying area displays the current tone or rhythm. If the chord function has started,press the corresponding key in 19keys in chord area,the auto chord starts.



Fill in function

You can fill in a length of interlude to enhance the performance effect if you press “fill in”button during the rhythm playback ,then the rhythm will continue to perform based on the original rhythm .